

Amendments to the Claims:

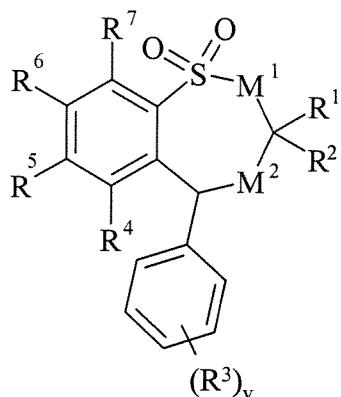
This listing of claims will replace all prior versions and listing of claims in the application.

Please amend claims 1 to 12, 13, 17 and 18 as indicated.

Please cancel claims 14 to 16 and 19 to 25 without prejudice or disclaimer.

Listing of the Claims:

Claim 1 (currently amended): A compound of formula (I):



wherein

M¹ is -CH₂- or -NR²¹-;

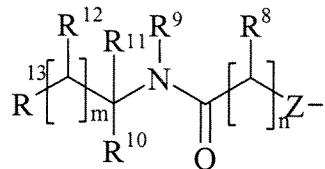
M² is -CR²²R²³- or -NR²⁴-; provided that if M¹ is -NR²¹-, M² is -CR²²R²³-;

one **One** **of R¹ and R² is** **are** selected from hydrogen, C₁₋₆alkyl or C₂₋₆alkenyl and the other is selected from C₁₋₆alkyl or C₂₋₆alkenyl;

R³ is selected from halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C₁₋₆alkyl, C₂₋₆alkenyl, C₂₋₆alkynyl, C₁₋₆alkoxy, C₁₋₆alkanoyl, C₁₋₆alkanoyloxy, N-(C₁₋₆alkyl)amino, N,N-(C₁₋₆alkyl)₂amino, C₁₋₆alkanoylamino, N-(C₁₋₆alkyl)carbamoyl, N,N-(C₁₋₆alkyl)₂carbamoyl, C₁₋₆alkylS(O)_a wherein a is 0 to 2, C₁₋₆alkoxycarbonyl, N-(C₁₋₆alkyl)sulphamoyl and N,N-(C₁₋₆alkyl)₂sulphamoyl;

v is 0-5;

one of **R⁵** and **R⁶** is a group of formula (IA):



(IA)

R⁴ and R⁷ and the other of R⁵ and R⁶ are independently selected from hydrogen, halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C₁₋₄alkyl, C₂₋₄alkenyl, C₂₋₄alkynyl, C₁₋₄alkoxy, C₁₋₄alkanoyl, C₁₋₄alkanoyloxy, N-(C₁₋₄alkyl)amino, N,N-(C₁₋₄alkyl)₂amino, C₁₋₄alkanoylamino, N-(C₁₋₄alkyl)carbamoyl, N,N-(C₁₋₄alkyl)₂carbamoyl, C₁₋₄alkylS(O)_a wherein a is 0 to 2, C₁₋₄alkoxycarbonyl, N-(C₁₋₄alkyl)sulphamoyl and N,N-(C₁₋₄alkyl)₂sulphamoyl; wherein R⁴ and R⁷ and the other of R⁵ and R⁶ may be optionally substituted on carbon by one or more R²⁵;

Z is -O-, -N(R^a)-, -S(O)_b- or -CH(R^a)-; wherein R^a is hydrogen or C₁₋₆alkyl and b is 0-2;

R⁸ is hydrogen, C₁₋₄alkyl, carbocyclyl or heterocyclyl; wherein R⁸ may be optionally substituted on carbon by one or more substituents selected from R²⁶; and wherein if said heterocyclyl contains an -NH- group, that nitrogen may be optionally substituted by a group selected from R²⁷;

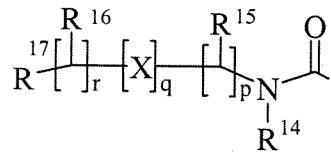
R⁹ is hydrogen or C₁₋₄alkyl;

R¹⁰ and R¹¹ are independently selected from hydrogen, C₁₋₄alkyl, carbocyclyl or heterocyclyl; or R¹⁰ and R¹¹ together form C₂₋₆alkylene; wherein R¹⁰ and R¹¹ or R¹⁰ and R¹¹ together may be independently optionally substituted on carbon by one or more substituents selected from R²⁸; and wherein if said heterocyclyl contains an -NH- moiety, that nitrogen may be optionally substituted by one or more R²⁹;

R¹² is hydrogen, C₁₋₄alkyl, carbocyclyl or heterocyclyl; wherein R¹² may be optionally substituted on carbon by one or more substituents selected from R³⁰; and wherein if said heterocyclyl contains an -NH- moiety, that nitrogen may be optionally substituted by one or more R³¹;

R¹³ is hydrogen, halo, nitro, cyano, hydroxy, amino, carbamoyl, mercapto, sulphamoyl, hydroxyaminocarbonyl, C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₂₋₁₀alkynyl, C₁₋₁₀alkoxy,

C₁₋₁₀alkoxycarbonyl, C₁₋₁₀alkanoyl, C₁₋₁₀alkanoyloxy, N-(C₁₋₁₀alkyl)amino, N,N-(C₁₋₁₀alkyl)₂amino, N,N,N-(C₁₋₁₀alkyl)₃ammonio, C₁₋₁₀alkanoylamino, N-(C₁₋₁₀alkyl)carbamoyl, N,N-(C₁₋₁₀alkyl)₂carbamoyl, C₁₋₁₀alkylS(O)_a wherein a is 0 to 2, N-(C₁₋₁₀alkyl)sulphamoyl, N,N-(C₁₋₁₀alkyl)₂sulphamoyl, N-(C₁₋₁₀alkyl)sulphamoylamino, N,N-(C₁₋₁₀alkyl)₂sulphamoylamino, C₁₋₁₀alkoxycarbonylamino, carbocyclyl, carbocyclylC₁₋₁₀alkyl, heterocyclic group, heterocyclylC₁₋₁₀alkyl, carbocyclyl-(C₁₋₁₀alkylene)_e-R³²-(C₁₋₁₀alkylene)_f or heterocyclyl-(C₁₋₁₀alkylene)_g-R³³-(C₁₋₁₀alkylene)_h; wherein R¹³ may be optionally substituted on carbon by one or more substituents selected from R³⁶; and wherein if said heterocyclyl contains an -NH- group, that nitrogen may be optionally substituted by a group selected from R³⁷; or R¹³ is a group of formula (IB):



(IB)

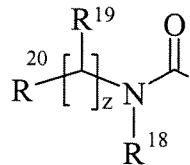
wherein:

X is -N(R³⁸)-, -N(R³⁸)C(O)-, -O-, and -S(O)_a-; wherein a is 0-2 and R³⁸ is hydrogen or C₁₋₄alkyl;

R¹⁴ is hydrogen or C₁₋₄alkyl;

R¹⁵ and R¹⁶ are independently selected from hydrogen, halo, nitro, cyano, hydroxy, amino, carbamoyl, mercapto, sulphamoyl, C₁₋₆alkyl, C₂₋₆alkenyl, C₂₋₆alkynyl, C₁₋₆alkoxy, C₁₋₆alkanoyl, C₁₋₆alkanoyloxy, N-(C₁₋₆alkyl)amino, N,N-(C₁₋₆alkyl)₂amino, C₁₋₆alkanoylamino, N-(C₁₋₆alkyl)carbamoyl, N,N-(C₁₋₆alkyl)₂carbamoyl, C₁₋₆alkylS(O)_a wherein a is 0 to 2, C₁₋₆alkoxycarbonyl, N-(C₁₋₆alkyl)sulphamoyl, N,N-(C₁₋₆alkyl)₂sulphamoyl, carbocyclyl or heterocyclic group; wherein R¹⁵ and R¹⁶ may be independently optionally substituted on carbon by one or more substituents selected from R⁴¹; and wherein if said heterocyclyl contains an -NH- group, that nitrogen may be optionally substituted by a group selected from R⁴²;

R¹⁷ is selected from hydrogen, halo, nitro, cyano, hydroxy, amino, carbamoyl, mercapto, sulphamoyl, hydroxyaminocarbonyl, C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₂₋₁₀alkynyl, C₁₋₁₀alkoxy, C₁₋₁₀alkanoyl, C₁₋₁₀alkanoyloxy, N-(C₁₋₁₀alkyl)amino, N,N-(C₁₋₁₀alkyl)₂amino, C₁₋₁₀alkanoylamino, N-(C₁₋₁₀alkyl)carbamoyl, C₁₋₁₀alkoxycarbonyl, N,N-(C₁₋₁₀alkyl)₂carbamoyl, C₁₋₁₀alkylS(O)_a wherein a is 0 to 2, N-(C₁₋₁₀alkyl)sulphamoyl, N,N-(C₁₋₁₀alkyl)₂sulphamoyl, N-(C₁₋₁₀alkyl)sulphamoylamino, N,N-(C₁₋₁₀alkyl)₂sulphamoylamino, carbocyclyl, carbocyclylC₁₋₁₀alkyl, heterocyclic group, heterocyclylC₁₋₁₀alkyl, carbocyclyl-(C₁₋₁₀alkylene)_e-R⁴³-(C₁₋₁₀alkylene)_f- or heterocyclyl-(C₁₋₁₀alkylene)_g-R⁴⁴-(C₁₋₁₀alkylene)_h-; wherein R¹⁷ may be optionally substituted on carbon by one or more substituents selected from R⁴⁷; and wherein if said heterocyclyl contains an -NH- group, that nitrogen may be optionally substituted by a group selected from R⁴⁸; or R¹⁷ is a group of formula (IC):



(IC)

wherein:

R¹⁸ is selected from hydrogen or C₁₋₄alkyl;

R¹⁹ is selected from hydrogen, halo, nitro, cyano, hydroxy, amino, carbamoyl, mercapto, sulphamoyl, C₁₋₆alkyl, C₂₋₆alkenyl, C₂₋₆alkynyl, C₁₋₆alkoxy, C₁₋₆alkanoyl, C₁₋₆alkanoyloxy, N-(C₁₋₆alkyl)amino, N,N-(C₁₋₆alkyl)₂amino, C₁₋₆alkanoylamino, N-(C₁₋₆alkyl)carbamoyl, N,N-(C₁₋₆alkyl)₂carbamoyl, C₁₋₆alkylS(O)_a wherein a is 0 to 2, C₁₋₆alkoxycarbonyl, N-(C₁₋₆alkyl)sulphamoyl, N,N-(C₁₋₆alkyl)₂sulphamoyl, carbocyclyl or heterocyclic group; where R¹⁹ may be independently optionally substituted on carbon by one or more substituents selected from R⁵¹; and wherein if said heterocyclyl contains an -NH- group, that nitrogen may be optionally substituted by a group selected from R⁵²;

R²⁰ is selected from halo, nitro, cyano, hydroxy, amino, carbamoyl, mercapto, sulphamoyl, hydroxyaminocarbonyl, C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₂₋₁₀alkynyl, C₁₋₁₀alkoxy,

C₁₋₁₀alkoxycarbonyl, C₁₋₁₀alkanoyl, C₁₋₁₀alkanoyloxy, N-(C₁₋₁₀alkyl)amino, N,N-(C₁₋₁₀alkyl)₂amino, N,N,N-(C₁₋₁₀alkyl)₃ammonio, C₁₋₁₀alkanoylamino, N-(C₁₋₁₀alkyl)carbamoyl, N,N-(C₁₋₁₀alkyl)₂carbamoyl, C₁₋₁₀alkylS(O)_a wherein a is 0 to 2, N-(C₁₋₁₀alkyl)sulphamoyl, N,N-(C₁₋₁₀alkyl)₂sulphamoyl, N-(C₁₋₁₀alkyl)sulphamoylamino, N,N-(C₁₋₁₀alkyl)₂sulphamoylamino, C₁₋₁₀alkoxycarbonylamino, carbocyclyl, carbocyclylC₁₋₁₀alkyl, heterocyclic group, heterocyclylC₁₋₁₀alkyl, carbocyclyl-(C₁₋₁₀alkylene)_e-R⁵³-(C₁₋₁₀alkylene)_f or heterocyclyl-(C₁₋₁₀alkylene)_g-R⁵⁴-(C₁₋₁₀alkylene)_h; wherein R²⁰ may be independently optionally substituted on carbon by one or more R⁵⁷; and wherein if said heterocyclyl contains an -NH- group, that nitrogen may be optionally substituted by a group selected from R⁵⁸;
p is 1-3; wherein the values of R¹⁵ may be the same or different;
q is 0-1;
r is 0-3; wherein the values of R¹⁶ may be the same or different;
m is 0-2; wherein the values of R¹² may be the same or different;
n is 1-2; wherein the values of R⁸ may be the same or different;
z is 0-3; wherein the values of R¹⁹ may be the same or different;
R²¹ is selected from hydrogen or C₁₋₆alkyl;
R²² and **R**²³ are independently selected from hydrogen, hydroxy, amino, mercapto, C₁₋₆alkyl, C₁₋₆alkoxy, N-(C₁₋₆alkyl)amino, N,N-(C₁₋₆alkyl)₂amino, C₁₋₆alkylS(O)_a wherein a is 0 to 2;
R²⁴ is selected from hydrogen, hydroxy, C₁₋₆alkyl, C₁₋₄alkoxy and C₁₋₆alkanoyloxy;
R²⁵ is selected from halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C₁₋₄alkyl, C₂₋₄alkenyl, C₂₋₄alkynyl, C₁₋₄alkoxy, C₁₋₄alkanoyl, C₁₋₄alkanoyloxy, N-(C₁₋₄alkyl)amino, N,N-(C₁₋₄alkyl)₂amino, C₁₋₄alkanoylamino, N-(C₁₋₄alkyl)carbamoyl, N,N-(C₁₋₄alkyl)₂carbamoyl, C₁₋₄alkylS(O)_a wherein a is 0 to 2, C₁₋₄alkoxycarbonyl, N-(C₁₋₄alkyl)sulphamoyl and N,N-(C₁₋₄alkyl)₂sulphamoyl; wherein R²⁵, may be independently optionally substituted on carbon by one or more R⁶⁷;
R²⁶, **R**²⁸, **R**³⁰, **R**³⁶, **R**⁴¹, **R**⁴⁷, **R**⁵¹ and **R**⁵⁷ are independently selected from halo, nitro, cyano, hydroxy, amino, carbamoyl, mercapto, sulphamoyl, hydroxyaminocarbonyl, C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₂₋₁₀alkynyl, C₁₋₁₀alkoxy, C₁₋₁₀alkanoyl, C₁₋₁₀alkanoyloxy, C₁₋₁₀alkoxycarbonyl,

N-(C₁₋₁₀alkyl)amino, *N,N*-(C₁₋₁₀alkyl)₂amino, *N,N,N*-(C₁₋₁₀alkyl)₃ammonio,
C₁₋₁₀alkanoylamino, *N*-(C₁₋₁₀alkyl)carbamoyl, *N,N*-(C₁₋₁₀alkyl)₂carbamoyl, C₁₋₁₀alkylS(O)_a
wherein a is 0 to 2, *N*-(C₁₋₁₀alkyl)sulphamoyl, *N,N*-(C₁₋₁₀alkyl)₂sulphamoyl,
N-(C₁₋₁₀alkyl)sulphamoylamino, *N,N*-(C₁₋₁₀alkyl)₂sulphamoylamino,
C₁₋₁₀alkoxycarbonylamino, carbocyclyl, carbocyclylC₁₋₁₀alkyl, heterocyclic group,
heterocyclylC₁₋₁₀alkyl, carbocyclyl-(C₁₋₁₀alkylene)_e-R⁵⁹-(C₁₋₁₀alkylene)_f or
heterocyclyl-(C₁₋₁₀alkylene)_g-R⁶⁰-(C₁₋₁₀alkylene)_h; wherein R²⁶, R²⁸, R³⁰, R³⁶, R⁴¹, R⁴⁷, R⁵¹
and R⁵⁷ may be independently optionally substituted on carbon by one or more R⁶³; and
wherein if said heterocyclyl contains an -NH- group, that nitrogen may be optionally
substituted by a group selected from R⁶⁴;
R²⁷, R²⁹, R³¹, R³⁷, R⁴², R⁴⁸, R⁵², R⁵⁸ and R⁶⁴ are independently selected from C₁₋₆alkyl,
C₁₋₆alkanoyl, C₁₋₆alkylsulphonyl, sulphamoyl, *N*-(C₁₋₆alkyl)sulphamoyl,
N,N-(C₁₋₆alkyl)₂sulphamoyl, C₁₋₆alkoxycarbonyl, carbamoyl, *N*-(C₁₋₆alkyl)carbamoyl,
N,N-(C₁₋₆alkyl)₂carbamoyl, benzyl, phenethyl, benzoyl, phenylsulphonyl and phenyl;
R³², R³³, R⁴³, R⁴⁴, R⁵³, R⁵⁴, R⁵⁹ and R⁶⁰ are independently selected from -O-, -NR⁶⁵-, -S(O)_x-,
-NR⁶⁵C(O)NR⁶⁶-, -NR⁶⁵C(S)NR⁶⁶-, -OC(O)N=C-, -NR⁶⁵C(O)- or -C(O)NR⁶⁵-, wherein R⁶⁵
and R⁶⁶ are independently selected from hydrogen or C₁₋₆alkyl, and x is 0-2;
R⁶³ and R⁶⁷ re independently selected from halo, hydroxy, cyano, carbamoyl, ureido, amino,
nitro, carbamoyl, mercapto, sulphamoyl, trifluoromethyl, trifluoromethoxy, methyl, ethyl,
methoxy, ethoxy, vinyl, allyl, ethynyl, methoxycarbonyl, formyl, acetyl, formamido,
acetylamino, acetoxy, methylamino, dimethylamino, *N*-methylcarbamoyl,
N,N-dimethylcarbamoyl, methylthio, methylsulphanyl, mesyl, *N*-methylsulphamoyl and
N,N-dimethylsulphamoyl; and
e, f, g and h are independently selected from 0-2;
or a pharmaceutically acceptable salt, ~~solvate, solvate of such a salt~~ or a prodrug thereof.

Claim 2 (currently amended): A compound of formula (I) according to claim 1 wherein M¹ is
-CH₂- and M² is -CR²²R²³-; or a pharmaceutically acceptable salt, ~~solvate, solvate of such a salt~~
or a prodrug thereof.

Claim 3 (currently amended): A compound of formula (I) according to claim 1 wherein M¹ is -CH₂- and M² is -NR²⁴-; or a pharmaceutically acceptable salt, ~~solvate, solvate of such a salt or a prodrug thereof.~~

Claim 4 (currently amended): A compound of formula (I) according to claim 1 or 2 wherein R²² and R²³ are independently selected from hydrogen and hydroxy; or a pharmaceutically acceptable salt, ~~solvate, solvate of such a salt or a prodrug thereof.~~

Claim 5 (currently amended): A compound of formula (I) according to claim 1 or 3 wherein R²⁴ is hydrogen; or a pharmaceutically acceptable salt, ~~solvate, solvate of such a salt or a prodrug thereof.~~

Claim 6 (currently amended): A compound of formula (I) according to claim 1 any one of claims 1-5 wherein R¹ and R² are C₁₋₄alkyl; or a pharmaceutically acceptable salt, ~~solvate, solvate of such a salt or a prodrug thereof.~~

Claim 7 (currently amended): A compound of formula (I) according to claim 1 any one of claims 1-6 wherein v is 0; or a pharmaceutically acceptable salt, ~~solvate, solvate of such a salt or a prodrug thereof.~~

Claim 8 (currently amended): A compound of formula (I) according to claim 1 any one of claims 1-7 wherein R⁴ and R⁷ are hydrogen; or a pharmaceutically acceptable salt, ~~solvate, solvate of such a salt or a prodrug thereof.~~

Claim 9 (currently amended): A compound of formula (I) according to claim 1 any one of claims 1-8 wherein the R⁵ or R⁶ not selected from a group of formula (IA) is hydrogen or methylthio; or a pharmaceutically acceptable salt, ~~solvate, solvate of such a salt or a prodrug thereof.~~

Claim 10 (currently amended): A compound of formula (I) according to claim 1 any one of claims 1-9 wherein one of R⁵ and R⁶ is a group of formula (IA) (as depicted above); wherein:

Z is -O- or -S(O)_b-; wherein b is 0;

R⁸ is hydrogen;

R⁹ is hydrogen;

R¹⁰ and R¹¹ are independently selected from hydrogen or carbocycll; wherein R¹⁰ and R¹¹ may be independently optionally substituted on carbon by one or more substituents selected from R²⁸;

R¹³ is a group of formula (IB) (as depicted above);

R¹⁴ is hydrogen;

R¹⁵ is hydrogen;

R¹⁷ is C₁₋₁₀alkyl; wherein R¹⁷ may be optionally substituted on carbon by one or more substituents selected from R⁴⁷; or R¹⁷ is a group of formula (IC) (as depicted above) wherein:

R¹⁸ is selected from hydrogen;

R¹⁹ is selected from hydrogen;

R²⁰ is C₁₋₁₀alkyl; wherein R²⁰ may be independently optionally substituted on carbon by one or more R⁵⁷;

p is 1;

q is 0;

r is 0;

m is 0;

n is 1;

z is 1; and

R²⁸, R⁴⁷ and R⁵⁷ are independently selected from halo and hydroxy

or a pharmaceutically acceptable salt, ~~solvate, solvate of such a salt or a prodrug thereof.~~

Claim 11 (currently amended): A compound of formula (I) wherein:

M¹ is -CH₂-;

M² is -CR²²R²³- and -NR²⁴-;

R²² and **R²³** are independently selected from hydrogen and hydroxy;

| one One of **R¹** and **R²** is ethyl and the other is butyl;

v is 0;

R⁴ and **R⁷** are hydrogen;

| one One of **R⁵** or **R⁶** is selected from a group of formula **(IA)** (as depicted above) and the other is hydrogen or methylthio;

Z is -O- or -S(O)_b-; wherein b is 0;

R⁸ is hydrogen;

R⁹ is hydrogen;

R¹⁰ and **R¹¹** are independently selected from hydrogen, 2-fluorophenyl or carbocyclyl;

R¹³ is a group of formula **(IB)** (as depicted above);

R¹⁴ is hydrogen;

R¹⁵ is hydrogen;

R¹⁷ is pentyl substituted by 5 hydroxy; or **R¹⁷** is a group of formula **(IC)** (as depicted above) wherein:

R¹⁸ is selected from hydrogen;

R¹⁹ is selected from hydrogen;

R²⁰ is pentyl substituted by 5 hydroxy;

p is 1;

q is 0;

r is 0;

m is 0;

n is 1; and

z is 1;

| or a pharmaceutically acceptable salt, ~~solvate, solvate of such a salt~~ or a prodrug thereof.

| Claim 12 (currently amended): A compound of formula **(I)** according to claim 1 selected from:

(+/-)-trans-1,1-dioxo-3-ethyl-3-butyl-5-phenyl-7-methylthio-8-(N-{(R)- α -[N'-(2-(S)-3-(R)-4-(R)-5-(R)-2,3,4,5,6-pentahydroxyhexyl)carbamoyl]benzyl}carbamoylmethoxy)-2,3,4,5-tetrahydro-1,4-benzothiazepine;

(+/-)-trans-1,1-dioxo-3-ethyl-3-butyl-5-phenyl-7-methylthio-8-(N-{(R)- α -[N'-(2-(S)-3-(R)-4-(R)-5-(R)-2,3,4,5,6-pentahydroxyhexyl)carbamoyl]benzyl}carbamoylmethoxy)-2,3,4,5-tetrahydro-1,4-benzothiazepine;

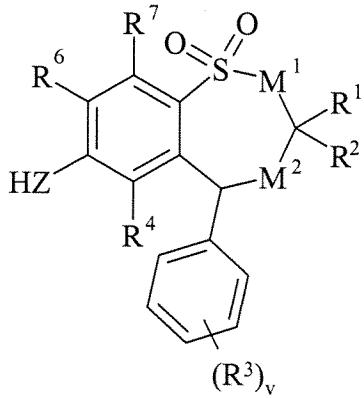
1,1-dioxo-3-ethyl-3-butyl-4-hydroxy-5-phenyl-7-(N-{\mathbf{M}})-2-fluorobenzyl}carbamoylmethylthio)-2,3,4,5,6-pentahydroxyhexyl)carbamoyl]-2-fluorobenzyl}carbamoylmethylthio)-2,3,4,5-tetrahydrobenzothiepine; or

1,1-dioxo-3-butyl-3-ethyl-4-hydroxy-5-phenyl-7-(N-{\mathbf{M}})-1-(cyclohexyl)methyl}carbamoylmethylthio)-2,3,4,5,6-pentahydroxyhexyl)carbamoyl]-1-(cyclohexyl)methyl}carbamoylmethylthio)-2,3,4,5-tetrahydrobenzothiepine;

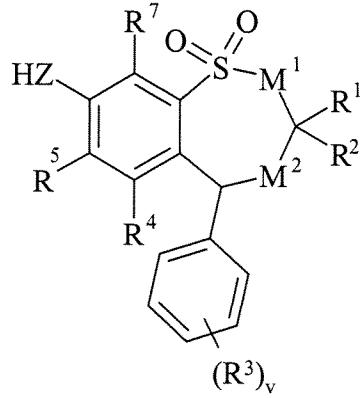
or a pharmaceutically acceptable salt, solvate, solvate of such a salt or a prodrug thereof.

Claim 13 (currently amended and withdrawn): A process for preparing a compound of formula **(I)** or a pharmaceutically acceptable salt, solvate, solvate of such a salt or a prodrug thereof, as claimed in claim 1 – anyone of claims 1–12, which process (wherein variable groups are, unless otherwise specified, as defined in claim 1) comprises of:

Process 1): for compounds of formula **(I)** wherein Z is -O-, -NR^a or -S-; reacting a compound of formula **(IIa)** or **(IIb)**:

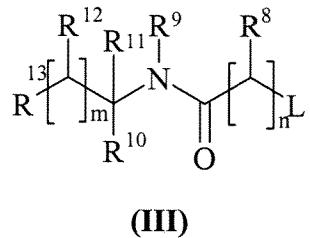


(IIa)



(IIb)

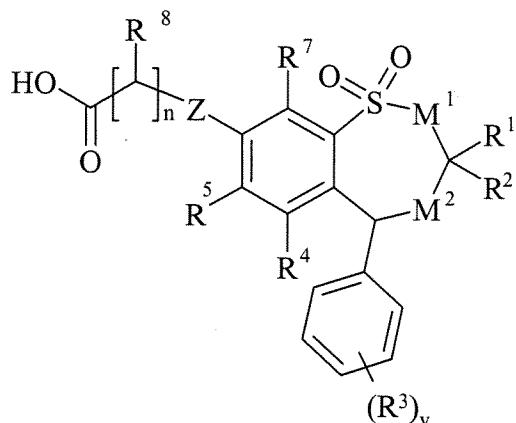
with a compound of formula (III):



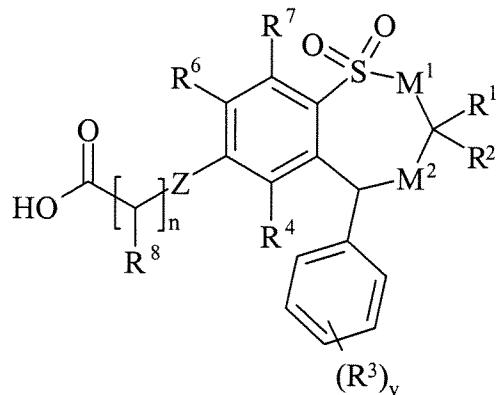
(III)

wherein L is a displaceable group;

Process 2): reacting an acid of formula (IVa) or (IVb):

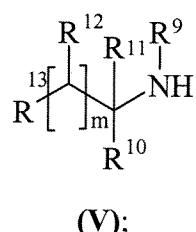


(IVa)



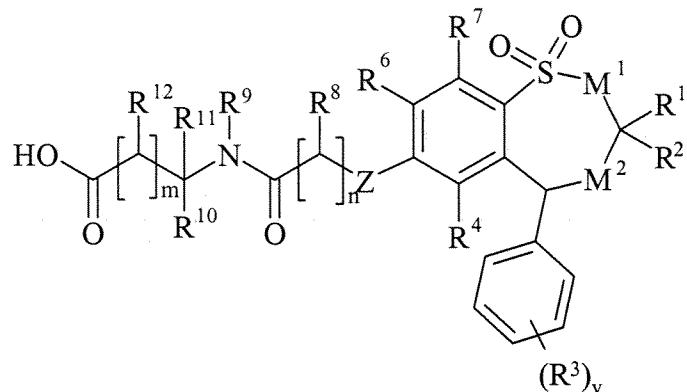
(IVb)

or an activated derivative thereof; with an amine of formula (V):



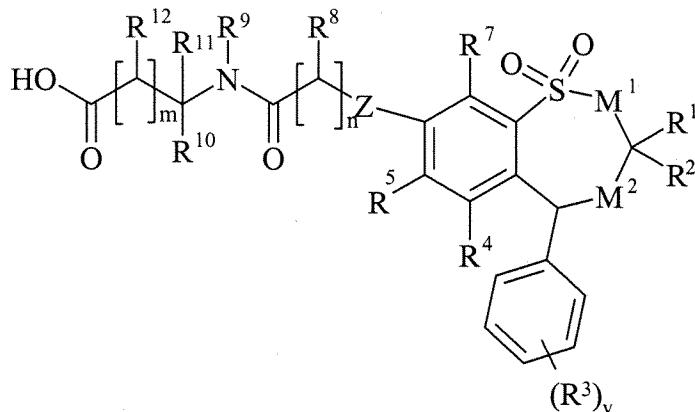
(V);

Process 3): for compounds of formula (I) wherein R¹³ is a group of formula (IB); reacting an acid of formula (VIa):



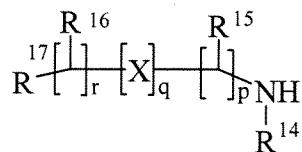
(VIa)

or (VIb):



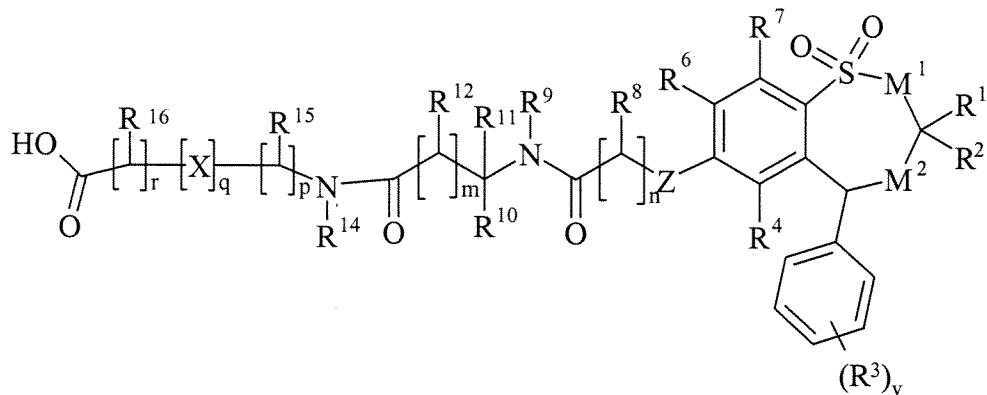
(VIb)

with an amine of formula:

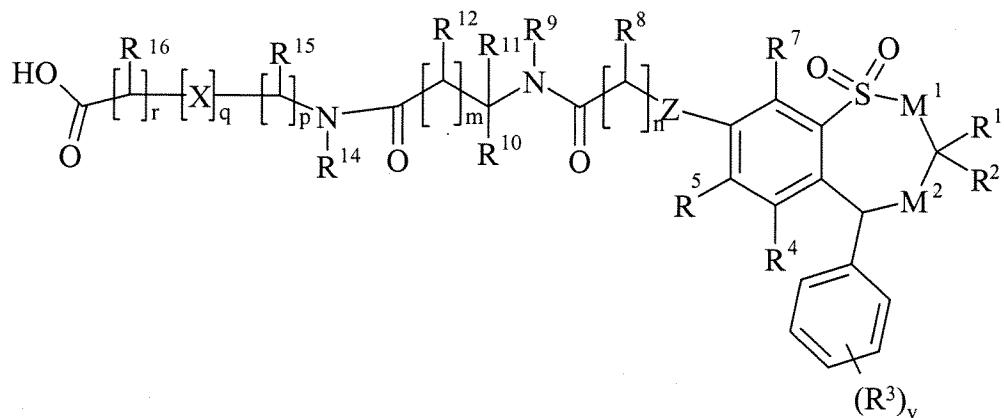


(VI)

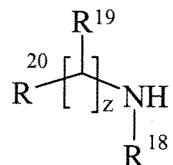
Process 4): for compounds of formula (I) wherein R^{13} is a group of formula (IB) and R^{17} is a group of formula (IC); reacting an acid of formula (VIIIa):



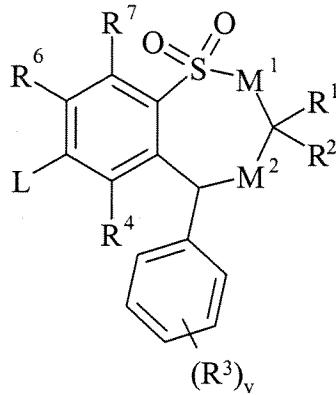
or (VIIIb)



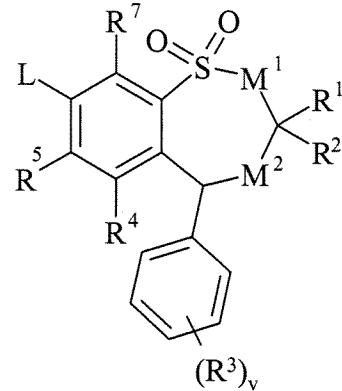
or an activated derivative thereof; with an amine of formula (IX):



Process 5) for compounds of formula (I) wherein one of R⁵ and R⁶ are independently selected from C₁₋₆alkylthio optionally substituted on carbon by one or more R²⁵; reacting a compound of formula (Xa) or (Xb):



(Xa)



(Xb)

wherein L is a displaceable group; with a thiol of formula (XI):



(XI)

wherein R^m is C_{1-6} -alkylthio optionally substituted on carbon by one or more R^{25} ;

and optionally thereafter if necessary or desirable:

- i) converting a compound of the formula (I) into another compound of the formula (I);
- ii) removing any protecting groups;
- iii) forming a pharmaceutically acceptable salt, solvate, solvate of such a salt or a prodrug.

Claims 14 to 16 (cancelled).

Claim 17 (currently amended and withdrawn): A method for producing an IBAT inhibitory effect in a warm-blooded animal, such as man, in need of such treatment which comprises administering to said animal an effective amount of a compound of formula (I), or a pharmaceutically acceptable salt, solvate, solvate of such a salt or a prodrug thereof, as claimed in claim 1 or claim 11 any one of claims 1 to 12.

Claim 18 (currently amended): A pharmaceutical composition which comprises a compound of formula (I), or a pharmaceutically acceptable salt, solvate, solvate of such a salt or a prodrug thereof, as claimed in claim 1 or claim 11 any one of claims 1 to 12, in association with a

pharmaceutically-acceptable diluent or carrier.

Claims 19 to 25 (cancelled).